

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 5,948,428  
DATED : September 7, 1999  
INVENTOR(S) : John C. Lee et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [56], FOREIGN PATENT DOCUMENTS, change "WO95/33216" to -- WO96/33216 --.

OTHER PUBLICATIONS, in "Andrews, P.W." change "phogentic" to -- phogenetic --; in "Breinan, H.A." change "Cartilage" to -- Cartilage in --; in "Cook" (3rd occurrence) insert -- et al., -- after "Stephen D.,", and in "Finerman" change "α2" to -- β2 --.  
in "Lind, M." change "Factor-α" to -- Factor-β --; in "Linkhart, T.A." change "TGFα" to -- TGFβ --; in "Morris, E." change "TGF-α" to -- TGF-β -- and "TGF-α1" to -- TGF-β1 --; in "Sampath, T.K. and A.H. Reddi" change "involved" to -- involved --; and in "Tyndall" change "TGF-α1" to -- TGF-β1 --.

Column 1,

Line 13, change "in vivo," to -- in vivo. --.

Column 20,

Lines 23-31, delete the entirety of lines 32-44.

Column 36,

Line 44, change "boP." to -- bOP. --.

Column 43,

Line 38, change "0.05-nM;" to -- 0.05-5.0nM; --.

Column 46,

Line 23, change "Isopanol" to -- Isopropanol --.

Column 58,

Line 9, change "46" to -- 52 --.

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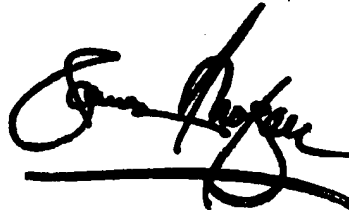
Column 60,

Line 5, after "fracture," second occurrence, insert -- , --.

Signed and Sealed this

Twenty-ninth Day of October, 2002

Attest:

A handwritten signature in black ink, appearing to read "James E. Rogan", written over a horizontal line.

Attesting Officer

JAMES E. ROGAN  
Director of the United States Patent and Trademark Office